near the center of the head of the outer jacket at the ''B'' end of the car, in letters and figures at least ⅜-inch high, in the following order:

	Example of required stamping
Specification	DOT–113A60W.
Design service temperature	Minus 423° F.
Inner tank	Inner Tank.
Material	ASTM A240–304.
Shell thickness	Shell 3/16 inch.
Head thickness	Head 3/16 inch.
Inside diameter	ID 107 inch.
Inner tank builder's initials	ABC.
Date of original test (month and year) and initials of person conducting original test.	00–0000GHK.
Water capacity	00000 lbs.
Outer jacket	Outer jacket.
Material	ASTM A515–70.
Outer jacket builder's initials	DEF.
Car assembler's initials (if other than inner tank or outer jacket builder).	XYZ.

(b) Any stamping on the shell or heads of the inner tank is prohibited.

(c) In lieu of the stamping required by paragraph (a) of this section, the specified markings may be incorporated on a data plate of corrosion-resistant metal, fillet welded in place on the head of the outer jacket at the ''B'' end of the car.

§179.400–25 Stenciling.

Each tank car must be stenciled in compliance with the provisions of the AAR Specifications for Tank Cars, appendix C. The stenciling must also include the following:

(a) The date on which the frangible disc was last replaced and the initials of the person making the replacement, on the outer jacket in letters and figures at least 1½ inches high.

(b) The design service temperature and maximum lading weight, in letters and figures at least 1½ inches high adjacent to the hazardous material stencil.

(c) The water capacity, in pounds net at 60°F., with the tank at its coldest operating temperature, after deduction for the volume above the inlet to the pressure relief device or pressure control valve, structural members, baffles, piping, and other appurtenances inside the tank, in letters and figures at least 1½ inches high.

(d) Both sides of the tank car, in letters at least 1½ inches high, with the statement ''Do Not Hump or Cut Off While in Motion.''

(e) The outer jacket, below the tank classification stencil, in letters at least 1½ inches high, with the statement, ''vacuum jacketed.''

§179.401 Individual specification requirements applicable to inner tanks for cryogenic liquid tank car tanks.

§179.401–1 Individual specification requirements.

In addition to §179.400, the individual specification requirements for the inner tank and its appurtenances are as follows:

DOT specification	113A60W	113C120W
Design service temperature, °F.	−423	−260.
Material	§179.400–5	§179.400–5.
Impact test (weld and plate material).	§179.400–5(c)	§179.400–5(c).
Impact test values	§179.400–5(d)	§179.400–5(d).
Standard heat transfer rate. (Btu per day per lb. of water capacity, max.) (see §179.400–4).	0.097	0.4121.
Bursting pressure, min. psi.	240	300.
Minimum plate thickness shell, inches (see §179.400–7(a)).	3/16	3/16.
Minimum head thickness, inches (see §179.400–7 (a), (b), and (c)).	3/16	3/16.
Test pressure, psi (see §179.400–16).	60	120.
Safety vent bursting pressure, max. psi.	60	120.
Pressure relief valve start-to-discharge pressure, psi (± 3 psi).	30	75.
Pressure relief valve vapor tight pressure, min. psi.	24	60.
Pressure relief valve flow rating pressure, max. psi.	40	85.
Alternate pressure relief valve start to-discharge pressure, psi (± 3 psi).		90.
Alternate pressure relief valve vapor tight pressure, min. psi.		72.
Alternate pressure relief valve flow rating pressure, max. psi.		100.
Pressure control valve Start-to-vent, max. psi (see §179.400–20(c)(4)).	17	Not required.
Relief device discharge restrictions.	§179.400–20	179.400–20.